

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1-14. (Cancelled)

15. (Previously presented) A system configured to colorize a schematic including a set of features, the system comprising:

a processor; and

a memory, wherein the memory includes

a colorization module configured to obtain a schematic generated from a feature-based parametric modeling module and colorize the schematic to generate a colorized schematic.

16. (Previously presented) The system of claim 15, wherein the modeling module includes a Pro-Engineer software application included in the memory.

17. (Previously presented) The system of claim 15, wherein the colorization module is software configured to work with the modeling module during colorization of the schematic.

18. (Previously presented) The system of claim 15, further including an output module for providing the colorized schematic to one or more of a display device, a printer, or a storage medium.

19. (Previously presented) The system of claim 15, further including an input module for receiving inputs from one or more of a keyboard, a point-and-click device, or a storage medium reader.

20. (Previously presented) The system of claim 15, wherein the colorization module is configured to enable the processor to:

- identify a set of features associated with the schematic to be colorized;
- establish a color scheme, wherein the color scheme includes a color associated with at least one of the features;
- associate an element with at least one of the features; and
- automatically colorize the element based on the color scheme.

21. (Previously presented) The system of claim 20, wherein the colorization module is further configured to instruct the processor to:

- store the colorized schematic in an electronic format;
- store an association between the color and the at least one feature;
- obtain a revised schematic;
- apply the stored association to the revised schematic such that portions of the revised schematic unchanged with respect to the original schematic are automatically colorized in the same manner as in the stored colorized schematic;
- determine revised portions and the unchanged portions of the revised schematic based on the application of the stored association to the revised schematic;

associate an element from the revised portions with one of the features; and  
automatically colorize the element based on the color scheme.

22-28. (Cancelled)